Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 06 Oct 2022 until 23:59 on Friday 07 Oct 2022

Forecast Issued on Thursday 06 Oct 2022 at 02:04

Confidence: High for breezy and largely unsettled conditions Thursday and Friday, and for an improving Saturday. Lower confidence in the details for the rain band on Sunday.

Headline for Thursday 06 Oct 2022: Sunny intervals, turning cloudier with well scattered showers. Patchy rain later.

Mountain weather hazards on Thursday 06 Oct 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Cloudy	Light rain showers	Cloudy	Light rain
Precipitation probability					
<05%	<05%	10%	20%	10%	20%

Forecast for Thursday 06 Oct 2022

Weather: Sunny intervals this morning. Cloud building from the west from late morning with a few showers developing during the afternoon, particularly over High Peak. Remaining largely dry in the east. Showers fading by the evening, but staying generally cloudy. Outbreaks of showery rain and drizzle overnight, especially for western slopes.

Chance of cloud-free hill tops above 600m: Over 90%, becoming 60% across High Peak in the afternoon and more widely 40% overnight.

Low cloud and visibility: Cloud bases largely remaining well clear of summits, however bases may lower to around 500m in the vicinity of showers, particularly further north. Cloud thickening and lowering overnight, with extensive bases of 400-500m expected. Visibility generally very good, but briefly deteriorating in showers, and becoming poor in late rain.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Thursday 06 Oct 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/37 SW	28/37 SW	31/42 SW	27/37 SW	27/38 SW	28/40 SW	30/42 SW
300	21/30 SW	22/32 SW	25/36 SW	22/32 SW	20/30 SW	21/33 SW	22/34 SW
Valley	9/26 SW	13/30 SW	16/34 SW	14/30 SW	13/29 SW	15/33 SW	15/32 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	8/4	10/6	11/6	10/6	10/5	9/5
300	8/4	11/7	13/9	13/10	13/9	12/8	12/8
Valley	8/6	11/9	13/10	14/11	13/11	12/10	12/9
Freezing Level*	1800m	2000m	2300m	2300m	2300m	2200m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some watercourses may be swollen due to recent rain. Low cloud and hill fog may make for difficult navigation late on.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 06 Oct 2022	24.4mm	32.4mm	32.6mm

Forecast for Friday 07 Oct 2022

Weather: Bright spells and scattered showers Friday morning. A band of organised rain will then sink south-eastwards across the Peaks during the afternoon, turning heavy with a risk of thundery downpours. A mix of bright spells and showers follow. Skies largely clearing by late evening, although some showers may persist overnight further north.

Maximum wind: Southwest 25-30mph with gusts 40-45mph initially across most exposed ridges and summits. Winds turning westerly and easing late afternoon 15-20mph.

Chance of cloud-free hill tops above 600m: Generally 80-90%, although widely 30% for a time in the afternoon as the rain band tracks across the Peaks.

Low cloud and visibility: Cloud bases well above summits initially, lowering to around 600m in the vicinity of showers with extensive bases of 500m in rain. Visibility good or very good, with deteriorations in showers. Becoming poor in rain.

Temperature: **Valleys:** Plus 10 Celsius increasing 14 Celsius late morning.
At 600m: Plus 8 Celsius rising to Plus 12 Celsius.
Freezing level: Above all summits

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